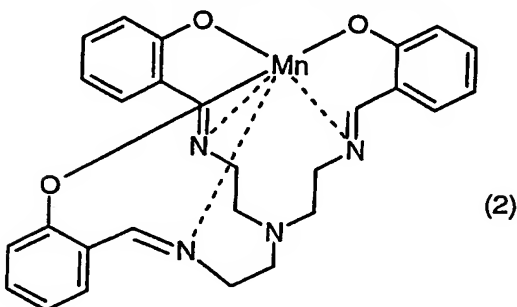


## CLAIMS

1. A crystal modification of the 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine



characterized by a peak at a d-spacing of about 6.87 Å in its powder X-ray diffraction pattern.

2. A crystal modification of 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine (compound (2)) characterized by peaks at d-spacings of about 6.87 and 12.69 Å in its powder X-ray diffraction pattern

3. A crystal modification of 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine (compound (2)) characterized by peaks at d-spacings of about 3.51, 3.65, 4.20, 4.63, 4.95, 5.30, 6.38, 6.87, 7.50, 10.57 and 12.69 Å in its powder X-ray diffraction pattern

4. A crystal modification of the 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine (compound (2)) characterized by peaks at d-spacings of about 2.22, 2.48, 2.94, 3.14, 3.51, 3.65, 3.76, 3.94, 4.20, 4.63, 4.95, 5.30, 5.82, 6.19, 6.38, 6.87, 7.50, 8.59, 10.57 and 12.69 Å in its powder X-ray diffraction pattern.

5. A crystal modification of 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine (compound (2)), which has a characteristic X-ray powder pattern obtained by X-ray diffraction on a powder sample of the new crystal modification in the instrument STOE-powder-diffractometer at room temperature (25°C) under Cu X-ray [ $\lambda(\text{CuK}\alpha) = 1.540598 \text{ Å}$ ] represented by the following spacings between lattice planes:

- 23 -

d(Å)	Intensity	d(Å)	Intensity
12.69	strong	4.63	medium
10.57	medium	4.20	medium
8.59	weak	3.94	weak
7.50	medium	3.76	weak
6.87	strong	3.65	medium
6.38	medium	3.51	medium
6.19	weak	3.14	weak
5.82	weak	2.94	weak
5.30	medium	2.48	weak
4.95	medium	2.22	weak

6. A crystal modification of 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine (compound (2)) according to any one of the preceeding claims, characterized in that in accordance with X-ray diffraction on its sample single crystal  
5 it is represented by the following basis crystallographic data:

Crystal system	monoclinic
Space group	P 2 <sub>1</sub> /n
a[Å]	7.906
b[Å]	25.609
c[Å]	11.736
$\alpha$ [°]	90
$\beta$ [°]	96.55
$\gamma$ [°]	90
V[Å <sup>3</sup> ]	2360.6
Structure unit per cell (Z)	4
Absorption coefficient $\mu$ [mm <sup>-1</sup> ]	0.597
F(000)	1064

7. Use of the crystal modification of the 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine (compound (2)) according to any one of the preceeding  
10 claims as catalyst for oxidation reactions.

8. Use according to claim 7, wherein the crystal modification of the 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine is used in a washing, cleaning, disinfecting or bleaching agent.
- 5 9. Use according to claims 7 or 8, wherein the crystal modification of the 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine is used together with a peroxy compound for the bleaching of spots or stains on textile material or for the prevention of the redeposition of migrating dyes in the context of a washing process of textile materials or for the cleaning of hard surfaces.
- 10 10. Use according to claims 7 or 8, wherein the crystal modification of the 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine according to claims 1 – 6 is used as a catalyst for reactions with a peroxy compound for bleaching in the context of paper-making.
- 15 11. A washing, cleaning, disinfecting or bleaching agent, containing
- I) 0 – 50 %, preferably 0 – 30 %, A) of at least one anionic surfactant and/or B) of at least non-ionic surfactant,
  - II) 0 – 70 %, preferably 0 – 50 %, C) of at least one builder substance,
  - 20 III) 0 – 10%, preferably 0 – 5% D) of at least one (poly)phosponate and/or aminoalkylene-poly(alkylenephosphonate),
  - IV) 1 – 99 %, preferably 1 – 70 %, E) of at least one peroxide and/or of at least one peroxide-forming substance, and
  - 25 V) F) the new crystal modification of the 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine (compound (2)) in an amount which, in the liquor, gives a concentration of 0.2 – 50 mg/litre of liquor, preferably 0.2 – 30 mg/litre of liquor, when from 0.2 to 20 g/litre of the washing, cleaning, disinfecting and bleaching agent are added to the liquor.
- 30 12. Process for the preparation of the modification of the 1:1 manganese (III) complex of N,N',N''-tris[salicylidene-aminoethyl]amine (compound (2)) according to Claims 1 – 6 by
- a) adding a solution comprising 3 parts of salicylic aldehyde and 1 part of tris-(2-aminoethyl)amine to a Mn(III) solution, which can optionally comprise some amount of a base, and

- 25 -

b) isolation and purification of the 1:1 manganese (III) complex of N,N',N''-tris[salicylideneaminoethyl]amine (compound (2)).